

REMARKS

In the subject application, claims 1, 2, 4-12, 14-16, 20-22, 24, 25, and 27 are pending and of these claims 1, 2, 4, 5, 9-12, 24, 25, and 27 were rejected. Specifically, claims 2, 9-11, 14, 24, and 25 are rejected under 35 U.S.C. § 112, second paragraph; claims 1, 2, 4, 5, 9-12, 14-16, 24, 25, and 27 are rejected under 35 U.S.C. § 103(a) as anticipated by United States Patent No. 6,769,844 issued to Waggle ("Waggle") in view of United States Patent No. 6,540,448 issued to Johnson ("Johnson"); and claims 6-8 and 20-22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claim.

§ 112, second paragraph, Rejection

Claims 2, 9-11, 14, 24, and 25 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Office Action does not provide a specific explanation of the rejections of claims 2 and 14, however, these claims are now canceled.

The Office Action states that claims 9-11, 24, and 25 are vague and confusing and that it is unclear as to how a convex edge can also comprise a straight line. Applicant traverse this rejection. Figure 5(b) depicts such an embodiment wherein depicts a substantially square-shaped cutting insert 120 including four convex cutting edges 122. Cutting insert 120 includes convex cutting edge 122 comprises one substantially linear cutting edge region 126, and a curved cutting edge region 128 having a relatively large curvature radius. The term "convex" is used in the

specification in a general sense wherein the convex portion is not limited to a curve.

This is described in the specification in paragraph [0028]:

For example, a first region may include a curved cutting edge portion having a relatively large curvature radius. One or more other regions of each convex cutting edge include a substantially straight or linear cutting edge as viewed from a top portion of the cutting insert.

and even more generally in the Summary on page 5:

The convex cutting edge may comprise at least one of a circular arc, a portion of an ellipse, a portion of a parabola, a multi-segment spline curve, a straight line, or combinations of these.

Therefore, a convex cutting edge should be considered to include a substantially straight line and still be described as convex. Reconsideration of the rejections based upon § 112 is respectfully requested.

Allowable Subject Matter

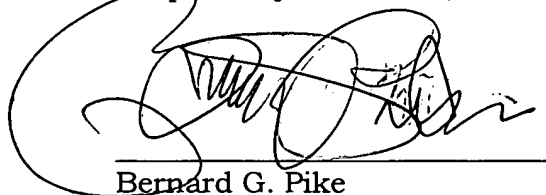
In the Office Action, claims 6-8 and 20-22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants have amended claim 1 to include all the limitations of allowable claim 6 and claim 16 has been amended to include all the limitations of allowable claim 20. Claims 2, 5, 6, 14, and 20 have been deleted. Since remaining claims all depend from claims 1 and 16 that are considered to be allowable by the Examiner in the Office Action, Applicant respectfully requests that all claims be considered allowable.

Applicants have added new claims 28-31. The subject matter of these claims is supported by Figures 4A-4B, 5A-5D, and 9A-9B, as well as throughout the specification as filed.

CONCLUSION

Applicants believe that they have fully addressed each basis for rejection under § 102(b) and § 103(a). Reconsideration of the claims of the subject application and issuance of a Notice of Allowability is respectfully requested. Should the Examiner have any remaining concerns, he is requested to contact the undersigned at the telephone number below so that those concerns may be addressed without the necessity for issuing an additional Office Action.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Bernard G. Pike', is written over a horizontal line.

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